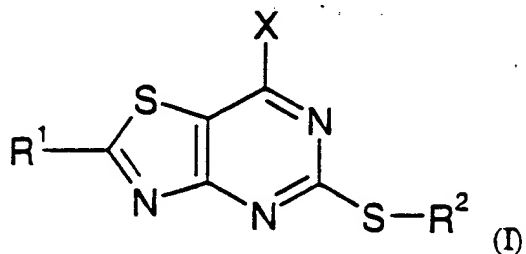


**AMENDMENTS TO THE CLAIMS:**

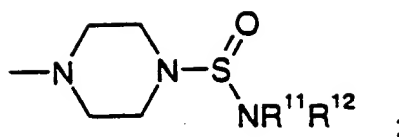
This listing of claims will replace all prior versions, and listings, of claims in the application:

1 (currently amended). A compound of general formula



wherein  $R^1$  represents a hydrogen atom, or a group  $-NR^3R^4$ ;

$R^3$  and  $R^4$  each independently represent a hydrogen atom, or a 4-piperidinyl,  $C_3$ - $C_6$  cycloalkyl or  $C_1$ - $C_8$  alkyl group, which latter two groups ~~may be~~ are optionally substituted by one or more substituent groups independently selected from halogen atoms and  $-NR^5R^6$ ,  $-CONR^5R^6$ ,  $-OR^7$ ,  $-COOR^7$ ,  $-NR^8COR^9$ ,  $-SR^{10}$ ,  $-SO_2R^{10}$ ,  $-SO_2NR^5R^6$ ,  $-NR^8SO_2R^9$ , morpholinyl,  $C_1$ - $C_4$  alkyl,  $C_3$ - $C_6$  cycloalkyl, tetrahydrofuranyl and aryl groups, wherein an aryl substituent group ~~may be~~ is optionally a phenyl, naphthyl, thienyl, pyridinyl, imidazolyl or indolyl group, each of which ~~may be~~ is optionally substituted by one or more substituents independently selected from halogen atoms and cyano, nitro,  $-NR^5R^6$ ,  $-CONR^5R^6$ ,  $-OR^7$ ,  $-NR^8COR^9$ ,  $-SO_2NR^5R^6$ ,  $-NR^8SO_2R^9$ ,  $C_1$ - $C_6$  alkyl and trifluoromethyl groups, or  $R^3$  and  $R^4$  together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring system, which ring system ~~may be~~ is optionally substituted by one or more substituent groups independently selected from



-NR<sup>5</sup>R<sup>6</sup>, -CONR<sup>5</sup>R<sup>6</sup>, -OR<sup>7</sup>, -COOR<sup>10</sup>, -NR<sup>8</sup>COR<sup>9</sup>, and C<sub>1</sub>-C<sub>6</sub> alkyl optionally substituted by one or more substituents independently selected from halogen atoms and -NR<sup>11</sup>R<sup>12</sup> and -OR<sup>7</sup> groups;

X represents a group -OH or -NR<sup>13</sup>R<sup>14</sup>;

R<sup>13</sup> and R<sup>14</sup> each independently represent a hydrogen atom, a 4-piperidinyl group optionally substituted by a C<sub>1</sub>-C<sub>4</sub> alkylphenyl substituent group, or a C<sub>3</sub>-C<sub>7</sub> carbocyclic, C<sub>1</sub>-C<sub>8</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl or C<sub>2</sub>-C<sub>6</sub> alkynyl group, which latter four groups ~~may be~~ are optionally substituted by one or more substituent groups independently selected from halogen atoms and -NR<sup>5</sup>R<sup>6</sup>, -CONR<sup>5</sup>R<sup>6</sup>, -OR<sup>7</sup>, -COOR<sup>7</sup>, -NR<sup>8</sup>COR<sup>9</sup>, -SR<sup>10</sup>, -SO<sub>2</sub>R<sup>10</sup>, -SO<sub>2</sub>NR<sup>5</sup>R<sup>6</sup>, -NR<sup>8</sup>SO<sub>2</sub>R<sup>9</sup>, morpholinyl, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl and aryl groups, wherein an aryl substituent group ~~may be~~ is optionally a phenyl, naphthyl, thienyl, pyridinyl, imidazolyl or indolyl group, each of which ~~may be~~ is optionally substituted by one or more substituents independently selected from halogen atoms and cyano, nitro, -NR<sup>5</sup>R<sup>6</sup>, -CONR<sup>5</sup>R<sup>6</sup>, -OR<sup>7</sup>, -NR<sup>8</sup>COR<sup>9</sup>, -SO<sub>2</sub>NR<sup>5</sup>R<sup>6</sup>, NR<sup>8</sup>SO<sub>2</sub>R<sup>9</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl and trifluoromethyl groups,

or R<sup>13</sup> and R<sup>14</sup> together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring system, which ring system ~~may be~~ is optionally substituted by one or more substituent groups independently selected from -NR<sup>5</sup>R<sup>6</sup>, -CONR<sup>5</sup>R<sup>6</sup>, -OR<sup>7</sup>, -COOR<sup>7</sup>, -NR<sup>8</sup>COR<sup>9</sup>, and C<sub>1</sub>-C<sub>6</sub> alkyl optionally substituted by

one or more substituents independently selected from halogen atoms and phenyl, -NR<sup>11</sup>R<sup>12</sup> and -OR<sup>7</sup> groups;

R<sup>2</sup> represents a C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>2</sub>-C<sub>6</sub> alkenyl group optionally substituted by a phenyl or phenoxy group, wherein the phenyl or phenoxy group ~~may itself be~~ is itself optionally substituted by one or more substituents independently selected from halogen atoms and nitro, C<sub>1</sub>-C<sub>6</sub> alkyl, trifluoromethyl, -OR<sup>7</sup>, -C(O)R<sup>7</sup>, -SR<sup>10</sup>, -NR<sup>15</sup>R<sup>16</sup> and phenyl groups; R<sup>5</sup> and R<sup>6</sup> each independently represent a hydrogen atom or a C<sub>1</sub>-C<sub>6</sub> alkyl or phenyl group, each of which ~~may be~~ is optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl, -OR<sup>17</sup> and -NR<sup>15</sup>R<sup>16</sup>, or R<sup>5</sup> and R<sup>6</sup> together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring system optionally comprising a further heteroatom selected from oxygen and nitrogen atoms, which ring system ~~may be~~ is optionally substituted by one or more substituent groups independently selected from phenyl, -OR<sup>17</sup>, -COOR<sup>17</sup>, -NR<sup>15</sup>R<sup>16</sup>, -CONR<sup>15</sup>R<sup>16</sup>, -NR<sup>15</sup>COR<sup>16</sup>, -SONR<sup>15</sup>R<sup>16</sup>, and C<sub>1</sub>-C<sub>6</sub> alkyl optionally substituted by one or more substituents independently selected from halogen atoms and -NR<sup>15</sup>R<sup>16</sup> and -OR<sup>17</sup> groups;

R<sup>7</sup> and R<sup>9</sup> each independently represent a hydrogen atom or a C<sub>1</sub>-C<sub>6</sub> alkyl or phenyl group, each of which ~~may be~~ is optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl, -OR<sup>17</sup> and -NR<sup>15</sup>R<sup>16</sup>; and each of R<sup>8</sup>, R<sup>10</sup>, R<sup>11</sup>, R<sup>12</sup>, R<sup>15</sup>, R<sup>16</sup> and R<sup>17</sup> independently represents a hydrogen atom or a C<sub>1</sub>-C<sub>6</sub> alkyl or phenyl group; with the proviso that when R<sup>1</sup> and X both represent -NH<sub>2</sub>, then R<sup>2</sup> does not represent a methyl group;  
or a pharmaceutically acceptable salt or solvate or tautomer thereof.

2 (original). A compound according to claim 1, wherein R<sup>1</sup> represents a group - NR<sup>3</sup>R<sup>4</sup>.

3 (currently amended). A compound according to claim 1, wherein R<sup>3</sup> and R<sup>4</sup> each independently represent a hydrogen atom, or a 4-piperidinyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl or C<sub>1</sub>-C<sub>6</sub> alkyl group, which latter two groups ~~may be~~ is optionally substituted by one, two, three or four substituent groups independently selected from halogen atoms and -NR<sup>5</sup>R<sup>6</sup>, -CONR<sup>5</sup>R<sup>6</sup>, -OR<sup>7</sup> -COOR<sup>7</sup>, -NR<sup>8</sup>COR<sup>9</sup>, -SR<sup>10</sup>, -SO<sub>2</sub>R<sup>10</sup>, -SO<sub>2</sub>NR<sup>5</sup>R<sup>6</sup>, -NR<sup>8</sup>SO<sub>2</sub>R<sup>9</sup>, morpholinyl, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, tetrahydrofuranyl and aryl groups, wherein an aryl substituent group ~~may be~~ is optionally a phenyl, naphthyl, thienyl, pyridinyl, imidazolyl or indolyl group, each of which ~~may be~~ is optionally substituted by one, two, three or four substituents independently selected from halogen atoms and cyano, nitro, -NR<sup>5</sup>R<sup>6</sup>, -CONR<sup>5</sup>R<sup>6</sup> -OR<sup>7</sup>, -NR<sup>8</sup>COR<sup>9</sup>, -SO<sub>2</sub>NR<sup>5</sup>R<sup>6</sup>, -NR<sup>8</sup>SO<sub>2</sub>R<sup>9</sup>, C<sub>1</sub>-C<sub>4</sub> alkyl and trifluoromethyl groups.

4 (currently amended). A compound according to claim 1, wherein R<sup>2</sup> represents a C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>2</sub>-C<sub>6</sub> alkenyl group optionally substituted by a phenyl or phenoxy group, wherein the phenyl or phenoxy group ~~may itself~~ is itself be optionally substituted by one, two, three or four substituents independently selected from halogen atoms and nitro, C<sub>1</sub>-C<sub>4</sub> alkyl, trifluoromethyl, -OR<sup>7</sup>, -C(O)R<sup>7</sup>, -SR<sup>10</sup>, -NR<sup>15</sup>R<sup>16</sup> and phenyl.

5 (currently amended). A compound according to claim 1, wherein X

represents  $-NR^{13}R^{14}$  and  $R^{13}$  and  $R^{14}$  each independently represent a hydrogen atom, a 4-piperidinyl group optionally substituted by a  $C_1$ - $C_4$  alkylphenyl substituent group, or a  $C_3$ - $C_7$  carbocyclic,  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_6$  alkenyl or  $C_2$ - $C_6$  alkynyl group, which latter four groups ~~may be~~ is optionally substituted by one, two, three or four substituent groups independently selected from halogen atoms and  $-NR^5R^6$ ,  $-CONR^5R^6$ ,  $-OR^7$ ,  $-COOR^7$ ,  $-NR^8COR^9$ ,  $-SR^{10}$ ,  $-SO_2R^{10}$ ,  $-SO_2NR^5R^6$ ,  $-NR^8SO_2R^9$ , morpholinyl,  $C_1$ - $C_4$  alkyl,  $C_3$ - $C_6$  cycloalkyl and aryl groups, wherein an aryl substituent group ~~may be~~ is optionally a phenyl, naphthyl, thienyl, pyridinyl, imidazolyl or indolyl group, each of which ~~may be~~ is optionally substituted by one, two, three or four substituents independently selected from halogen atoms and cyano, nitro,  $-NR^5R^6$ ,  $-CONR^5R^6$ ,  $-OR^7$ ,  $-NR^8COR^9$ ,  $-SO_2NR^5R^6$ ,  $-NR^8SO_2R^9$ ,  $C_1$ - $C_4$  alkyl and trifluoromethyl groups.

6 (currently amended). A compound according to claim 1 being selected from:

(2*R*)-2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,  
(*S*)-2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,  
2-Amino-5-[[2-(3,4-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
5-[[2-(3-Phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[2-(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
(±)-2-[[2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,  
2-[[2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethanol,  
5-(Pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-[[3-(Dimethylamino)propyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-[[2-(Diethylamino)ethyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-[[2-(Dimethylamino)ethyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-[(3-Hydroxypropyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-[[2-(Acetylamino)ethyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
(±)-2-[(2,3-Dihydroxypropyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-[[2-(4-Morpholinyl)ethyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-[(2-Methoxyethyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-[(1-Methylethyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-(Cyclopropylamino)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
(±)-2-[(2-Hydroxypropyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-[(2-Hydroxy-2-methylpropyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-[(2-Hydroxyethyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
(2*S*,3*R*)-3-Hydroxy-2-[(7-oxo-5-(pentylthio)-4*H*-thiazolo[4,5-*d*]pyrimidin-2-yl)-  
amino)butanamide, and their pharmaceutically acceptable salts and solvates.

~~*N*<sup>7</sup>-[3-(Dimethylamino)propyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine;~~

~~*N*<sup>7</sup>-[2-(Diethylamino)ethyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine;~~

~~*N*<sup>7</sup>-[2-(Dimethylamino)ethyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine;~~

~~3-[(2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl)amino]-1-propanol;~~

~~*N*<sup>7</sup>-Cyclohexyl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine;~~

~~(±)-3-[(2-Amino-5-((phenylmethyl)thio)thiazolo[4,5-*d*]pyrimidin-7-yl)amino]-1,2-~~

propanediol,

~~*N*<sup>7</sup>-(2-Methoxyethyl)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

~~5-(Pentylthio)-*N*<sup>7</sup>-propylthiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

~~*N*<sup>7</sup>-Cyclopentyl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

~~*N*<sup>7</sup>-Cyclopropyl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

~~*N*<sup>7</sup>-(2-Methylpropyl)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

~~(±)-1-[(2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl)amino]-2-propanol,~~

~~(*exo*)-*N*<sup>7</sup>-Bicyclo[2.2.1]hept-2-yl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

~~2-[2-[[2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethoxy]ethanol,~~

~~(±)-*N*<sup>7</sup>-(2-Methylbutyl)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

~~1-[[2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-2-propanol,~~

~~*N*<sup>7</sup>-[(2-Aminophenyl)methyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

~~2-Amino-5-[(2-phenoxyethyl)thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

~~(*E*)-2-Amino-5-[(3-phenyl-2-propenyl)thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

~~2-Amino-5-[[3-[2,4-bis(1,1-dimethylethyl)phenoxy]propyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

~~2-Amino-5-[[[(4-trifluoromethyl)phenyl]methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

~~2-Amino-5-[[[(3,5-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

~~2-Amino-5-[[[(2,4-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

~~2-Amino-5-[[[(3,4-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

~~2-Amino-5-(((3,5-dibromophenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-one,~~

~~2-Amino-5-(((2-nitrophenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-one,~~

~~2-Amino-5-(((2-fluorophenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-one,~~

~~2-Amino-5-(((2-iodophenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-one,~~

~~2-Amino-5-(((3-chlorophenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-one,~~

~~2-Amino-5-(((2-chlorophenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-one,~~

~~2-Amino-5-(((4-chloro-2-nitrophenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-  
one,~~

~~2-Amino-5-(((3-chloro-4-methoxyphenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-  
7(4H)-one,~~

~~2-Amino-5-(((2,3-dichlorophenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-one,~~

~~2-Amino-5-(((3,5-difluorophenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-one,~~

~~2-Amino-5-(((2,4-bis(trifluoromethyl)phenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-  
7(4H)-one,~~

~~2-Amino-5-(((2-bromophenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-one,~~

~~2-Amino-5-(((2,3,4-trifluorophenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-one,~~

~~2-Amino-5-(((3-bromophenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-one,~~

~~2-Amino-5-(((2-fluoro-3-methylphenyl)methyl)thio)thiazolo[4,5-d]pyrimidin-7(4H)-  
one,~~

~~3-[[2-Amino-5-((phenylmethyl)thio)thiazolo[4,5-d]pyrimidin-7-yl]amino]-2,2-dimethyl-1-  
propanol,~~

~~(±)-α-[[[2-Amino-5-((phenylmethyl)thio)thiazolo[4,5-d]pyrimidin-7-  
yl]amino]methyl]benzenemethanol,~~



~~(R)-β-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]benzenepropanol,~~  
~~2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]ethanol,~~  
~~(2R)-2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]4-methylpentanol,~~  
~~(±)-1-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-propanol,~~  
~~(±)-β-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-4-chlorobenzenepropanol,~~  
~~(±)-3-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1,2-propanediol,~~  
~~2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]propylamino]ethanol,~~  
~~(±)-1-[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]-3-pyrrolidinol,~~  
~~(±)-1-[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]-3-piperidinol,~~  
~~1-[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]-4-piperidinol,~~  
~~3-[[2-Amino-5-[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2,2-dimethyl-1-propanol,~~  
~~(±)-2-[[2-Amino-5-[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-butanol,~~  
~~(±)-α-[[[2-Amino-5-[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]-amino]methyl]benzenemethanol,~~

4-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-butanol,  
6-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-hexanol,  
4-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]-amino]cyclohexanol,  
(*R*)-β-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]-amino]benzenopropanol,  
(±)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-propanol,  
2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]-amino]ethanol,  
(2*R*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]-amino]-4-methylpentanol,  
(±)-1-Amino-3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-propanol,  
(±)-1-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo(4,5-d]pyrimidin-7-yl]amino]-2-propanol,  
2-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]methyl]-2-ethyl-1,3-propanediol,  
(±)-β-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-4-chlorobenzenopropanol,

(±)-3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1,2-propanediol,  
2-[[2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]ethyl]amino]ethanol,  
3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-propanol,  
(±)-α-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]methyl]-3,4-dichlorobenzenepropanol,  
1-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-methyl-2-propanol,  
2-[2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]ethoxy]ethanol,  
5-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-pentanol,  
(2S)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-4-(methylthio)-1-butanol,  
2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]butylamino]ethanol,  
2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]propylamino]ethanol,  
2,2'-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo(4,5-d]pyrimidin-7-yl]imino]bisethanol,  
2-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]-(2-

~~hydroxyethyl)amino]methyl]phenol,~~

~~3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-(2-hydroxyethyl)amino]-1-propanol,~~

~~(±)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-pyrrolidinol,~~

~~(*trans*)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-hydroxy-*L*-proline phenylmethyl ester,~~

~~(±)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinomethanol,~~

~~(±)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinol,~~

~~(2*S*)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-2-pyrrolidinomethanol,~~

~~1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo(4,5-*d*]pyrimidin-7-yl]-4-piperidinol,~~

~~(2*R*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,~~

~~(2*S*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,~~

~~(2*R*)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,~~

~~2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1,3-propanediol,~~

~~2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-~~

~~methyl-1-propanol,~~

~~2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-~~

~~methyl-1-propanol,~~

~~1-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-  
yl]amino]-2-methyl-2-propanol,~~

~~5-[(2,3-Difluorophenyl)methyl]thio]-*N*<sup>7</sup>-(2-fluoroethyl)thiazolo[4,5-*d*]pyrimidine-  
2,7-diamine,~~

~~(1*R*-trans)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-  
*d*]pyrimidin-7-yl]amino]-cyclopentanol,~~

~~(1*S*-trans)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-  
*d*]pyrimidin-7-yl]amino]-cyclopentanol,~~

~~2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-  
1-propanol,~~

~~2-Methyl-2-[[2-(methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-  
yl]amino]-1-propanol,~~

~~2-[[2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[(phenylmethyl)amino]thiazolo[4,5-  
*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,~~

~~5-[(2,3-Difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

~~(±)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-  
butanol,~~

~~(1*S*,2*S*)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-  
yl]amino]-cyclohexanol,~~

~~(±)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-~~

~~1-propanol,~~

~~2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-ethanol,~~

~~(2*R*)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,~~

~~(±)-1-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,~~

~~2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1,3-propanediol,~~

~~1-[[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]methyl]-cyclohexanol,~~

~~(2*R*)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,~~

~~2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-(2-aminoethyl)amino]-1-ethanol,~~

~~2-[2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethoxy]-1-ethanol,~~

~~(*αS*)-*α*-[(1*R*)-1-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]methylamino]ethyl]-benzenemethanol,~~

~~1-[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-piperidinol,~~

~~5-[(2,3-Difluorophenyl)methyl]thio]-*N*<sup>7</sup>-ethyl-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

~~5-[(2,3-Difluorophenyl)methyl]thio]-*N*<sup>7</sup>-(2-propenyl)-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

(1*S*,2*S*)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-phenyl-1,3-propanediol,

2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1,3-propanediol,

2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-ethanol,

(±)-5-[(2,3-Difluorophenyl)methyl]thio]-*N*<sup>7</sup>-(2-methoxy-1-methylethyl)-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

*N*<sup>7</sup>-Cyclopropyl-5-[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

(±)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

4-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

5-[(2,3-Difluorophenyl)methyl]thio]-*N*<sup>7</sup>-[2-(1*H*-imidazol-4-yl)ethyl]-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

(±)-*N*-[5-[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-dimethylethyl)amino]thiazolo[4,5-*d*]pyrimidin-2-yl]-serine, methyl ester,

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[(1-methylethyl)amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-(ethylamino)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(1*H*-indol-3-yl)ethyl]amino]thiazolo[4,5-

~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1-naphthalenylmethyl)amino]thiazolo[4,5-  
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1,2-diphenylethyl)amino]thiazolo[4,5-  
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(2,2,2-trifluoroethyl)amino]thiazolo[4,5-  
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[[[(3,4,5-  
trimethoxyphenyl)methyl]amino]thiazolo[4,5-~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-  
propanol,  
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1,1-dimethylethyl)amino]thiazolo[4,5-  
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-  
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(4-methylcyclohexyl)amino]thiazolo[4,5-  
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-  
dimethylethyl)amino]thiazolo[4,5-~~d~~[pyrimidin-2-yl]amino]-acetamide,  
2-[[2-[[2-(4-Aminophenyl)ethyl]amino]-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-  
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(2-  
fluoroethyl)amino]thiazolo[4,5-~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
2-[[2-(Cyclopropylamino)-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-~~d~~[pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,



(±)-2-[[5-[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-dimethylethyl)amino]thiazolo[4,5-d]pyrimidin-2-yl]amino]-1-pentanol,  
2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(2-hydroxyethoxy)ethyl]amino]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
N-[5-[(2,3-Difluorophenyl)methyl]thio]-6,7-dihydro-7-oxo-thiazolo[4,5-d]pyrimidin-2-yl]-DL-serine, methyl ester,  
5-[(2,3-Difluorophenyl)methyl]thio]-2-[(1-methylethyl)amino]-thiazolo[4,5-d]pyrimidin-7(4H)-one,  
5-[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(1H-indol-3-yl)ethyl]amino]-thiazolo[4,5-d]pyrimidin-7(4H)-one,  
2-[[5-[(2,3-Difluorophenyl)methyl]thio]-6,7-dihydro-7-oxo-thiazolo[4,5-d]pyrimidin-2-yl]amino]-acetamide,  
2-[[2-(4-Aminophenyl)ethyl]amino]-5-[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-d]pyrimidin-7(4H)-one,  
5-[(2,3-Difluorophenyl)methyl]thio]-2-[(2-fluoroethyl)amino]-thiazolo[4,5-d]pyrimidin-7(4H)-one,  
5-[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(2-hydroxyethoxy)ethyl]amino]-thiazolo[4,5-d]pyrimidin-7(4H)-one,  
2-[[2-(Cyclohexylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
2-[[2-[(1,1-Dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
N-[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

~~d]~~pyrimidin-2-yl]-DL-alanine, methyl ester,  
4-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
~~d]~~pyrimidin-2-yl]amino]-cyclohexanol,  
2-Methyl-2-[[2-[(4-phenylbutyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d]~~pyrimidin-7-  
yl]amino]-1-propanol,  
2-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-  
~~d]~~pyrimidin-7-yl]amino]-1-propanol,  
2-Methyl-2-[[2-[(1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d]~~pyrimidin-7-  
yl]amino]-1-propanol,  
2-[[2-[[2-(4-Aminophenyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d]~~pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,  
*N*-[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
~~d]~~pyrimidin-2-yl]-L-valine, ethyl ester,  
(2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
~~d]~~pyrimidin-2-yl]amino]-4-methyl-pentanamide,  
2-Methyl-2-[[2-[(2-phenylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d]~~pyrimidin-7-  
yl]amino]-1-propanol,  
2-[[2-[[4-Aminophenyl)methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d]~~pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,  
2-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-~~d]~~pyrimidin-  
7-yl]amino]-1-propanol,  
2-[[2-[(2-Fluoroethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d]~~pyrimidin-7-yl]amino]-2-  
methyl-1-propanol,

2-Methyl-2-[[2-[[[(3-nitrophenyl)methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
d]pyrimidin-7-yl]amino]-1-propanol,  
( $\alpha R$ )- $\alpha$ -[(1*S*)-1-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-  
[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-2-yl]amino]ethyl]-benzenemethanol,  
2-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[[(3,4,5-  
trimethoxyphenyl)methyl]amino]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-propanol,  
2-Methyl-2-[[2-[(1*R*-trans)-(2-phenylcyclopropyl)amino]-5-  
[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-propanol,  
2-[[2-[[2-(1*H*-Indol-3-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,  
2-[[2-[(1,1-Dimethylpropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,  
( $\pm$ )-2-Methyl-2-[[2-[(1-methylbutyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-  
7-yl]amino]-1-propanol,  
( $\pm$ )-2-Methyl-2-[[2-[(1-methylhexyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-  
7-yl]amino]-1-propanol,  
2-[[2-[[2-(2-Aminophenyl)methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,  
2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
d]pyrimidin-2-yl]amino]-1,3-propanediol,  
2-[[2-[[2-(Ethylthio)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,  
(2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

~~d]pyrimidin-2-yl]amino]-3,3-dimethyl-1-butanol,~~  
~~( $\alpha$ S)- $\alpha$ -[(1*R*)-1-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-~~  
~~[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-2-methoxyethyl]-~~  
~~benzenomethanol,~~  
~~2-[[2-(Ethylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-~~  
~~propanol,~~  
~~2-[[2-[[[3-Fluoro-5-(trifluoromethyl)phenyl]methyl]amino]-5-~~  
~~[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,~~  
~~( $\pm$ )-2-Methyl-2-[[2-[(1-methylpropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~  
~~*d*]pyrimidin-7-yl]amino]-1-propanol,~~  
~~2-[[2-[[[4-Methoxyphenyl]methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-~~  
~~yl]amino]-2-methyl-1-propanol,~~  
~~2-[[2-[(2-Hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-~~  
~~2-methyl-1-propanol,~~  
~~2-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-~~  
~~yl]amino]-2-methyl-1-propanol,~~  
~~2-[[2-[(Diphenylmethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-~~  
~~2-methyl-1-propanol,~~  
~~(2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo(4,5-~~  
~~*d*]pyrimidin-2-yl]amino]-1-butanol,~~  
~~2-[[2-[(2,2-Diethoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-~~  
~~yl]amino]-2-methyl-1-propanol,~~  
~~4-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~

$\alpha$ [pyrimidin-2-yl]amino]-1-butanol,  
(1*S*,2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
 $\alpha$ [pyrimidin-2-yl]amino]-cyclohexanol,  
( $\pm$ )-2-[[2-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
 $\alpha$ [pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5- $\alpha$ [pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,  
( $\pm$ )-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
 $\alpha$ [pyrimidin-2-yl]amino]-1-pentanol,  
2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
 $\alpha$ [pyrimidin-2-yl]amino]-acetamide,  
( $\pm$ )-2-[[2-[[1-(4-Fluorophenyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5- $\alpha$ [pyrimidin-  
7-yl]amino]-2-methyl-propanol,  
(1*R*,2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
 $\alpha$ [pyrimidin-2-yl]amino]-cyclohexanol,  
( $\alpha$ *S*)- $\alpha$ [(1*R*)-1-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-  
[(phenylmethyl)thio]thiazolo[4,5- $\alpha$ [pyrimidin-2-yl]amino]ethyl]-benzenemethanol,  
( $\pm$ )-2-[[2-(Methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5- $\alpha$ [pyrimidin-7-yl]amino]-1-  
propanol,  
(2*R*)-4-Methyl-2-[[2-(methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5- $\alpha$ [pyrimidin-7-  
yl]amino]-1-pentanol,  
*N*-[2-(Methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5- $\alpha$ [pyrimidin-7-yl]-L-serine, ethyl  
ester,

(±)-2-[[5-[(Phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-  
d]pyrimidin-7-yl]amino]-1-butanol,

(±)-2-[[5-[(Phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-  
d]pyrimidin-7-yl]amino]-1-propanol,

(2*R*)-4-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[[(tetrahydro-2-  
furanyl)methyl]amino]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-pentanol,

*N*-[5-[(Phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-  
d]pyrimidin-7-yl]-L-serine, ethyl ester,

(±)-2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
d]pyrimidin-7-yl]amino]-1-propanol,

(±)-4-[2-[[7-[[1-(Hydroxymethyl)propyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
d]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,

(±)-4-[2-[[7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
d]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,

4-[2-[[7-[[1*R*]-1-(Hydroxymethyl)-3-methylbutyl]amino]-5-  
[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,

(±)-4-[2-[[7-[(2-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-2-  
yl]amino]ethyl]-benzenesulfonamide,

*N*<sup>7</sup>-Ethyl-*N*<sup>2</sup>-[2-(1*H*-imidazol-4-yl)ethyl]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidine-  
2,7-diamine,

*N*<sup>2</sup>-[2-(1*H*-imidazol-4-yl)ethyl]-5-[(phenylmethyl)thio]-*N*<sup>7</sup>-(3-pyridinylmethyl)-thiazolo[4,5-  
d]pyrimidine-2,7-diamine,

(±)-2-[[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

~~d~~[pyrimidin-7-yl]amino]-1-butanol,

(±)-2-[[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

~~d~~[pyrimidin-7-yl]amino]-1-propanol,

(2*R*)-2-[[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

~~d~~[pyrimidin-7-yl]amino]-4-methyl-1-pentanol,

(±)-1-[[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

~~d~~[pyrimidin-7-yl]amino]-2-propanol,

5-[[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d~~[pyrimidin-7-yl]amino]-1-pentanol,

1-[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d~~[pyrimidin-7-yl]-4-(phenylmethyl)-4-piperidinol,

(±)-1-[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d~~[pyrimidin-7-yl]-3-piperidinecarboxamide,

2-[Ethyl[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d~~[pyrimidin-7-yl]amino]-1-ethanol,

*N*<sup>2</sup>-[2-(1*H*-imidazol-4-yl)ethyl]-*N*<sup>7</sup>,*N*<sup>7</sup>-dimethyl-5-[(phenylmethyl)thio]-thiazolo[4,5-~~d~~[pyrimidine-2,7-diamine,

*N*<sup>7</sup>-[2-(Diethylamino)ethyl]-*N*<sup>7</sup>-ethyl-*N*<sup>2</sup>-[2-(1*H*-imidazol-4-yl)ethyl]-5-[(phenylmethyl)thio]-thiazolo[4,5-~~d~~[pyrimidine-2,7-diamine,

*N*<sup>2</sup>-(2-Phenoxyethyl)-5-[(phenylmethyl)thio]-*N*<sup>7</sup>-(3-pyridinylmethyl)-thiazolo[4,5-~~d~~[pyrimidine-2,7-diamine,

*N*<sup>2</sup>-(2-Phenoxyethyl)-*N*<sup>7</sup>-[1-(phenylmethyl)-4-piperidinyl]-5-[(phenylmethyl)thio]-thiazolo[4,5-~~d~~[pyrimidine-2,7-diamine,

~~2-Methyl-2-[[2-[(2-phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,~~

~~(±)-2-[[2-[(2-Phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,~~

~~(±)-4-Methyl-2-[[2-[(2-phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol,~~

~~1-[2-[(2-Phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-(phenylmethyl)-4-piperidinol,~~

~~2-[[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,~~

~~2-[[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo(4,5-*d*]pyrimidin-7-yl] amino]-1-propanol,~~

~~(2*R*)-2-[[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,~~

~~N-[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-L-serine, ethyl ester,~~

~~(2*R*)-2-[[2-[[1-(Hydroxymethyl)butyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,~~

~~N-[2-[[1-(Hydroxymethyl)butyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-L-serine, ethyl ester,~~

~~(±)-2-[[7-[Cyclohexyl(2-hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-1-pentanol,~~

~~2-[2-[[7-(Ethylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethoxy]-1-~~



ethanol,

2-[2-[[7-[(1-Methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethoxy]-1-ethanol,

(±)-2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

(2*R*)-2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo(4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,

2-[Cyclohexyl-2-[[2-(2-hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-ethanol,

(±)-2-[[5-[(Phenylmethyl)thio]-2-(4-piperidinylamino)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

(±)-*N*-[2-[[7-[[1-(Hydroxymethyl)propyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-acetamide,

(±)-*N*-[2-[[7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-acetamide,

*N*-[2-[[7-[(2-Hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-acetamide,

*N*-[2-[[7-[[[(1*R*)-1-(Hydroxymethyl)-3-methylbutyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-acetamide,

*N*<sup>7</sup>-(2-Methoxyethyl)-5-[(phenylmethyl)thio]-*N*<sup>2</sup>-[2-(2-thienyl)ethyl]thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

~~N<sup>7</sup>-(2-Ethoxyethyl)-5-[(phenylmethyl)thio]-N<sup>2</sup>-[2-(2-thienyl)ethyl]thiazolo[4,5-d]pyrimidine-2,7-diamine,~~

~~N<sup>7</sup>-(2,2-Dimethylpropyl)-5-[(phenylmethyl)thio]-N<sup>2</sup>-[2-(2-thienyl)ethyl]thiazolo(4,5-d]pyrimidine-2,7-diamine,~~

~~(2R)-4-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-pentanol,~~

~~(±)-1-[[5-[(Phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-propanol,~~

~~(±)-2-[[5-[(Phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-butanol,~~

~~(±)-2-[[5-[(Phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-propanol,~~

~~(2R)-2-[[2-[(2-Hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo(4,5-d]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,~~

~~(±)-N,N-Diethyl-1-[2-[(2-hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]-3-piperidinecarboxamide,~~

~~(2R)-2-[[2-[(3-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,~~

~~(±)-2-[[2-[(3-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-butanol,~~

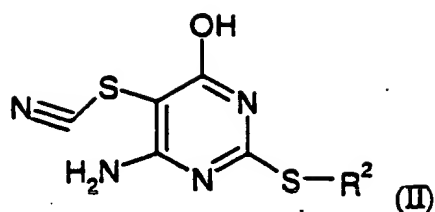
~~(±)-2-[[2-[(3-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-propanol,~~

~~2-[[7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-2-~~

~~yl]-amino-acetamide,~~  
~~4-[1-[7-[(4-Methylcyclohexyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]-~~  
~~3-azetidiny]-1-piperazinesulfonamide,~~  
~~3-[[2-[[2-(4-Morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-~~  
~~yl]amino]-1-propanol,~~  
~~2-Methyl-2-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~  
~~*d*]pyrimidin-7-yl]amino]-1-propanol,~~  
~~(±)-2-[[2-[[2-(4-Morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-~~  
~~yl]amino]-1-propanol,~~  
~~(2*R*)-4-Methyl-2-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo(4,5-~~  
~~*d*]pyrimidin-7-yl]amino]-1-pentanol,~~  
~~2-[[2-(3,4-Dihydroxyphenyl)ethyl]amino]-5-[(phenylmethyl)thio]-thiazolo[4,5-*d*]pyrimidin-~~  
~~7(4*H*)-one,~~  
~~(±)-2-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethy)thio]-thiazolo[4,5-*d*]pyrimidin-~~  
~~7(4*H*)-one,~~  
~~and their pharmaceutically acceptable salts and solvates.~~

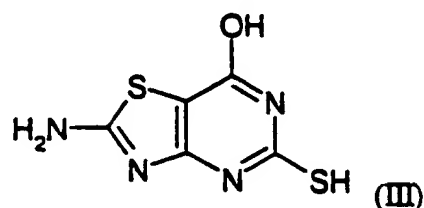
7 (original). A process for the preparation of a compound of formula (I) as defined in claim 1 which comprises:

(a) when X represents -OH and R<sup>1</sup> is NH<sub>2</sub>, heating a compound of general formula



wherein  $R^2$  is as defined in formula (I); or

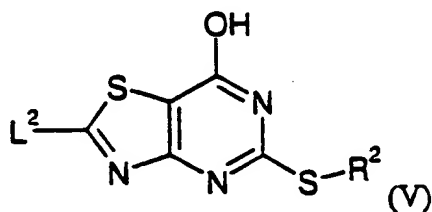
(b) when X represents -OH and  $R^1$  is  $NH_2$ , reacting a compound of formula



with a compound of general formula (IV),  $R^2 - L^1$ , wherein  $L^1$  represents a leaving group and  $R^2$  is as defined in formula (I); or

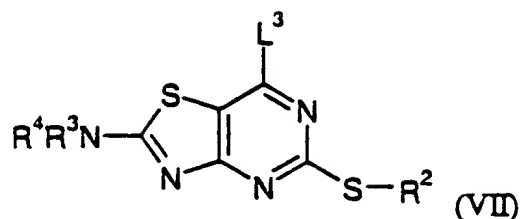
(c) when X represents -OH or  $-NR^{13}R^{14}$  and  $R^1$  is a hydrogen atom, reacting a corresponding compound of formula (I) in which  $R^1$  is  $NH_2$ , with a diazotizing agent; or

(d) when X represents -OH and  $R^1$  is a group  $-NR^3R^4$ , reacting a compound of general formula



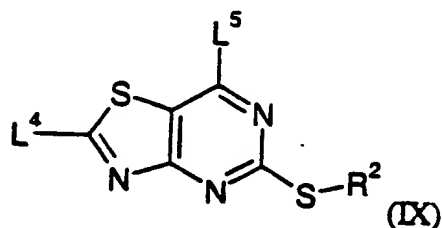
wherein  $L^2$  represents a leaving group and  $R^2$  is as defined in formula (I), with a compound of general formula (VI),  $R^3R^4NH$ , wherein  $R^3$  and  $R^4$  are as defined in formula (1); or

(e) when X represents  $-NR^{13}R^{14}$  and  $R^1$  represents  $-NR^3R^4$ , reacting a compound of general formula



wherein  $L^3$  represents a leaving group and  $R^2$ ,  $R^3$  and  $R^4$  are as defined in formula (I), with a compound of general formula (VIII),  $NHR^{13}R^{14}$ , wherein  $R^{13}$  and  $R^{14}$  are as defined in formula (I); or

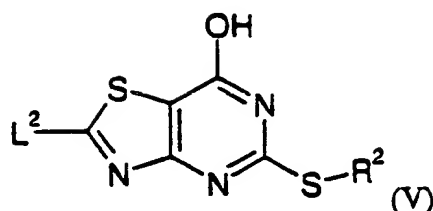
(f) when X represents  $-NR^{13}R^{14}$  and  $R^1$  represents  $-NR^3R^4$ , reacting a compound of general formula



wherein  $L^4$  is a leaving group,  $L^5$  is a leaving group and  $R^2$  is as defined in formula (I), initially with a compound of formula (VI) as defined in (d) above followed by reaction with a compound of formula (VIII) as defined in (e) above;

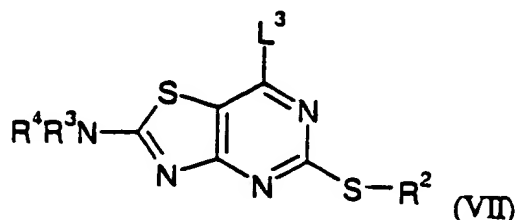
and optionally after (a), (b), (c), (d), (e) or (f) forming a pharmaceutically acceptable salt or solvate of the compound of formula (I).

8 (currently amended). An intermediate compound of formula (V).



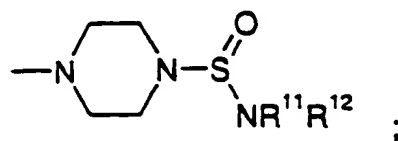
wherein  $L^2$  represents a ~~leaving group~~ halogen and  $R^2$  represents a  $C_1$ - $C_6$  alkyl or  $C_2$ - $C_6$  alkenyl group optionally substituted by a phenyl or phenoxy group, wherein the phenyl or phenoxy group ~~may itself be~~ is itself optionally substituted by one or more substituents independently selected from halogen atoms and nitro,  $C_1$ - $C_6$  alkyl, trifluoromethyl,  $-OR^7$ ,  $C(O)R^7$ ,  $-SR^{10}$ ,  $-NR^{15}R^{16}$  and phenyl groups, wherein  $R^7$  is a hydrogen atom or a  $C_1$ - $C_6$  alkyl or phenyl group which ~~may be~~ is optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl,  $-OR^{17}$  and  $-NR^{15}R^{16}$ , wherein each of  $R^{10}$ ,  $R^{15}$ ,  $R^{16}$ , and  $R^{17}$  independently represent a hydrogen atom or a  $C_1$ - $C_6$  alkyl or phenyl group.

9 (currently amended). An intermediate compound of formula (VII)



wherein  $L^3$  represents a ~~leaving group~~ halogen,  $R^2$  represents a  $C_1$ - $C_6$  alkyl or  $C_2$ - $C_6$  alkenyl group optionally substituted by a phenyl or phenoxy group, wherein the phenyl or phenoxy group ~~may itself be~~ is itself optionally substituted by one or more

substituents independently selected from halogen atoms and nitro, C<sub>1</sub>-C<sub>6</sub> alkyl, trifluoromethyl, -OR<sup>7</sup>, C(O)R<sup>7</sup>, -SR<sup>10</sup>, -NR<sup>15</sup>R<sup>16</sup> and phenyl groups, wherein R<sup>7</sup> is a hydrogen atom or a C<sub>1</sub>-C<sub>6</sub> alkyl or phenyl group which ~~may be~~ is optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl, -OR<sup>17</sup> and -NR<sup>15</sup>R<sup>16</sup>, wherein each of R<sup>10</sup>, R<sup>15</sup>, R<sup>16</sup>, and R<sup>17</sup> independently represent a hydrogen atom or a C<sub>1</sub>-C<sub>6</sub> alkyl or phenyl group, and R<sup>3</sup> and R<sup>4</sup> each independently represent a hydrogen atom, or a 4-piperidiny, C<sub>3</sub>-C<sub>6</sub> cycloalkyl or C<sub>1</sub>-C<sub>8</sub> alkyl group, which latter two groups ~~may be~~ are optionally substituted by one or more substituent groups independently selected from halogen atoms and -NR<sup>5</sup>R<sup>6</sup>, -CONR<sup>5</sup>R<sup>6</sup>, -OR<sup>7</sup>, -COOR<sup>7</sup>, -NR<sup>8</sup>COR<sup>9</sup>, -SR<sup>10</sup>, -SO<sub>2</sub>R<sup>10</sup>, -SO<sub>2</sub>NR<sup>5</sup>R<sup>6</sup>, -NR<sup>8</sup>SO<sub>2</sub>R<sup>9</sup>, morpholinyl, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, tetrahydrofuranyl and aryl groups, wherein an aryl substituent group may be a phenyl, naphthyl, thienyl, pyridinyl, imidazolyl or indolyl group, each of which may be optionally substituted by one or more substituents independently selected from halogen atoms and cyano, nitro, -NR<sup>5</sup>R<sup>6</sup>, -CONR<sup>5</sup>R<sup>6</sup>, -OR<sup>7</sup>, -NR<sup>8</sup>COR<sup>9</sup>, -SO<sub>2</sub>NR<sup>5</sup>R<sup>6</sup>, -NR<sup>8</sup>SO<sub>2</sub>R<sup>9</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl and trifluoromethyl groups, or R<sup>3</sup> and R<sup>4</sup> together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring system, which ring system ~~may be~~ is optionally substituted by one or more substituent groups independently selected from



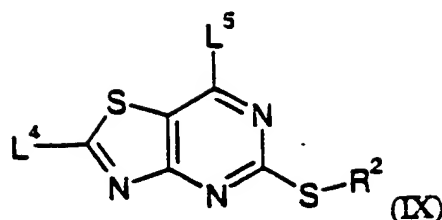
$-NR^5R^6$ ,  $-CONR^5R^6$ ,  $-OR^7$ ,  $-COOR^{10}$ ,  $-NR^8COR^9$ , and  $C_1-C_6$  alkyl optionally substituted by one or more substituents independently selected from halogen atoms and  $-NR^{11}R^{12}$  and  $-OR^7$  groups;

X represents a group  $-OH$  or  $-NR^{13}R^{14}$ ;

$R^{13}$  and  $R^{14}$  each independently represent a hydrogen atom, a 4-piperidinyl group optionally substituted by a  $C_1-C_4$  alkylphenyl substituent group, or a  $C_3-C_7$  carbocyclic,  $C_1-C_8$  alkyl,  $C_2-C_6$  alkenyl or  $C_2-C_6$  alkynyl group, which latter four groups ~~may be~~ are optionally substituted by one or more substituent groups independently selected from halogen atoms and  $-NR^5R^6$ ,  $-CONR^5R^6$ ,  $-OR^7$ ,  $-COOR^7$ ,  $-NR^8COR^9$ ,  $-SR^{10}$ ,  $-SO_2R^{10}$ ,  $-SO_2NR^5R^6$ ,  $-NR^8SO_2R^9$ , morpholinyl,  $C_1-C_4$  alkyl,  $C_3-C_6$  cycloalkyl and aryl groups, wherein an aryl substituent group ~~may be~~ is optionally a phenyl, naphthyl, thienyl, pyridinyl, imidazolyl or indolyl group, each of which ~~may be~~ is optionally substituted by one or more substituents independently selected from halogen atoms and cyano, nitro,  $-NR^5R^6$ ,  $-CONR^5R^6$ ,  $-OR^7$ ,  $-NR^8COR^9$ ,  $-SO_2NR^5R^6$ ,  $NR^8SO_2R^9$ ,  $C_1-C_6$  alkyl and trifluoromethyl groups,

or  $R^{13}$  and  $R^{14}$  together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring system, which ring system ~~may be~~ is optionally substituted by one or more substituent groups independently selected from  $-NR^5R^6$ ,  $-CONR^5R^6$ ,  $-OR^7$ ,  $-COOR^7$ ,  $-NR^8COR^9$ , and  $C_1-C_6$  alkyl optionally substituted by one or more substituents independently selected from halogen atoms and phenyl,  $-NR^{11}R^{12}$  and  $-OR^7$  groups.





wherein  $L^4$  is a ~~leaving group~~ halogen,  $L^5$  is a ~~leaving group~~ halogen and  $R^2$  represents a  $C_1$ - $C_6$  alkyl or  $C_2$ - $C_6$  alkenyl group optionally substituted by a phenyl or phenoxy group, wherein the phenyl or phenoxy group ~~may itself be~~ is itself optionally substituted by one or more substituents independently selected from halogen atoms and nitro,  $C_1$ - $C_6$  alkyl, trifluoromethyl,  $-OR^7$ ,  $C(O)R^7$ ,  $-SR^{10}$ ,  $-NR^{15}R^{16}$  and phenyl groups, wherein  $R^7$  is a hydrogen atom or a  $C_1$ - $C_6$  alkyl or phenyl group which ~~may be~~ is optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl,  $-OR^{17}$  and  $-NR^{15}R^{16}$ , wherein each of  $R^{10}$ ,  $R^{15}$ ,  $R^{16}$ , and  $R^{17}$  independently represent a hydrogen atom or a  $C_1$ - $C_6$  alkyl or phenyl group.

11 (previously presented). A pharmaceutical composition comprising a compound of formula (I), or a pharmaceutically acceptable salt or solvate thereof, as claimed in claim 1 in association with a pharmaceutically acceptable adjuvant, diluent or carrier.

12 (currently amended). A process for the preparation of a pharmaceutical composition ~~as claimed in claim 11~~ comprising a compound of formula (I), or a pharmaceutically acceptable salt or solvate thereof, as claimed in claim 1 in association with a pharmaceutically acceptable adjuvant, diluent or carrier, which comprises mixing

a compound of formula (I), or a pharmaceutically acceptable salt or solvate thereof, as claimed in claim 1 with a pharmaceutically acceptable adjuvant, diluent or carrier.

13-14 (deleted)

15 (previously presented). A method of treating a chemokine mediated disease wherein the chemokine binds to a CXCR2 receptor, which comprises administering to a patient a therapeutically effective amount of a compound of formula (I), or a pharmaceutically acceptable salt or solvate thereof, as claimed in claim 1.

16 (previously presented). A method of treating an inflammatory disease in a patient suffering from, or at risk of, said disease, which comprises administering to the patient a therapeutically effective amount of a compound of formula (I), or a pharmaceutically acceptable salt or solvate thereof, as claimed in claim 1.

17 (original). A method according to claim 16, wherein the disease is psoriasis.

18 (new). A compound according to claim 1 being selected from:

*N*<sup>7</sup>-[3-(Dimethylamino)propyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

*N*<sup>7</sup>-[2-(Diethylamino)ethyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

*N*<sup>7</sup>-[2-(Dimethylamino)ethyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

3-[(2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl)amino]-1-propanol,

*N*<sup>7</sup>-Cyclohexyl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

(±)-3-[(2-Amino-5-((phenylmethyl)thio)thiazolo[4,5-*d*]pyrimidin-7-yl)amino]-1,2-propanediol,  
*N*<sup>7</sup>-(2-Methoxyethyl)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
5-(Pentylthio)-*N*<sup>7</sup>-propylthiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
*N*<sup>7</sup>-Cyclopentyl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
*N*<sup>7</sup>-Cyclopropyl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
*N*<sup>7</sup>-(2-Methylpropyl)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
(±)-1-[(2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl)amino]-2-propanol,  
(*exo*)-*N*<sup>7</sup>-Bicyclo[2.2.1]hept-2-yl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
2-[2-[[2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethoxy]ethanol,  
(±)-*N*<sup>7</sup>-(2-Methylbutyl)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
1-[[2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-2-propanol,  
*N*<sup>7</sup>-[(2-Aminophenyl)methyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
2-Amino-5-[(2-phenoxyethyl)thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
(*E*)-2-Amino-5-[(3-phenyl-2-propenyl)thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[3-[2,4-bis(1,1-dimethylethyl)phenoxy]propyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one, and their pharmaceutically acceptable salts and solvates.

19 (new). A compound according to claim 1 being selected from:  
2-Amino-5-[[[(3,5-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(2,4-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(3,4-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(3,5-dibromophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-Amino-5-[[[(2-nitrophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(2-fluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(2-iodophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(3-chlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(2-chlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(4-chloro-2-nitrophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(3-chloro-4-methoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(2,3-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(3,5-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(2,4-bis(trifluoromethyl)phenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
one,  
2-Amino-5-[[[(2-bromophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(2,3,4-trifluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
and their pharmaceutically acceptable salts and solvates.

20 (new). A compound according to claim 1 being selected from:

2-Amino-5-[[[(3-bromophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
2-Amino-5-[[[(2-fluoro-3-methylphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
3-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2,2-dimethyl-1-propanol,  
(±)-α-[[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]methyl]benzenemethanol,  
(*R*)-β-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-

yl]amino]benzenepropanol,  
2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl] amino]ethanol,  
(2*R*)-2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]4-methylpentanol,  
(±)-1-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,  
(±)-β-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-chlorobenzenepropanol,  
(±)-3-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1,2-propanediol,  
2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]propylamino]ethanol,  
(±)-1-[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-pyrrolidinol,  
(±)-1-[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinol,  
and their pharmaceutically acceptable salts and solvates.

21 (new). A compound according to claim 1 being selected from:

1-[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-piperidinol,  
3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2,2-dimethyl-1-propanol,  
(±)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,  
(±)-α-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-amino]methyl]benzenemethanol,

4-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,  
6-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-hexanol,  
4-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-amino]cyclohexanol,  
(*R*)-β-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-amino]benzenepropanol,  
(±)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,  
2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-amino]ethanol,  
(2*R*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-amino]-4-methylpentanol, and their pharmaceutically acceptable salts and solvates.

22 (new). A compound according to claim 1 being selected from: (±)-1-Amino-3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,  
(±)-1-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,  
2-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]methyl]-2-ethyl-1,3-propanediol,  
(±)-β-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-

chlorobenzenepropanol,

(±)-3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1,2-propanediol,

2-[[2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethyl]amino]ethanol,

3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

(±)-α-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]methyl]-3,4-dichlorobenzenepropanol,

1-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-2-propanol,

2-[2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethoxy]ethanol,

5-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol, and their pharmaceutically acceptable salts and solvates.

23 (new). A compound according to claim 1 being selected from:

(2*S*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-(methylthio)-1-butanol,

2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]butylamino]ethanol,

2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]propylamino]ethanol,

2,2'-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo(4,5-*d*]pyrimidin-7-yl]imino]bisethanol,  
2-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-(2-hydroxyethyl)amino]methyl]phenol,  
3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-(2-hydroxyethyl)amino]-1-propanol,  
(±)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-pyrrolidinol,  
(*trans*)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-hydroxy-*L*-proline phenylmethyl ester,  
(±)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinemethanol,  
(±)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinol, and their pharmaceutically acceptable salts and solvates.

24 (new). A compound according to claim 1 being selected from:

(2*S*)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-2-pyrrolidinemethanol,  
1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo(4,5-*d*]pyrimidin-7-yl]-4-piperidinol,  
(2*R*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,  
(2*S*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,



(2*R*)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,  
2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1,3-propanediol,  
2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
1-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-2-propanol,  
5-[[[(2,3-Difluorophenyl)methyl]thio]-*N*<sup>7</sup>-(2-fluoroethyl)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
(1*R-trans*) 2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-cyclopentanol, and their pharmaceutically acceptable salts and solvates.

25 (new). A compound according to claim 1 being selected from:

(1*S-trans*) 2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-cyclopentanol,  
2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
2-Methyl-2-[[2-(methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,  
2-[[2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(phenylmethyl)amino]thiazolo[4,5-

*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,  
5-[[[(2,3-Difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,  
(±)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-  
butanol,  
(1*S*,2*S*)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-  
yl]amino]-cyclohexanol,  
(±)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-  
1-propanol,  
2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-  
ethanol,  
(2*R*)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-  
4-methyl-1-pentanol,  
(±)-1-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-  
propanol, and their pharmaceutically acceptable salts and solvates.

26 (new). A compound according to claim 1 being selected from:

2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-  
methyl-1,3-propanediol,  
1-[[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-  
yl]amino]methyl]-cyclohexanol,  
(2*R*)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-  
1-butanol,  
2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-(2-

aminoethyl)amino]-1-ethanol,

2-[2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-

yl]amino]ethoxy]-1-ethanol,

( $\alpha S$ )- $\alpha$ -[(1*R*)-1-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]methylamino]ethyl]-benzenemethanol,

1-[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-piperidinol,

5-[[[(2,3-Difluorophenyl)methyl]thio]-*N*<sup>7</sup>-ethyl-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

5-[[[(2,3-Difluorophenyl)methyl]thio]-*N*<sup>7</sup>-(2-propenyl)-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

(1*S*,2*S*)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-phenyl-1,3-propanediol,

2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1,3-propanediol, and their pharmaceutically acceptable salts and solvates.

27 (new). A compound according to claim 1 being selected from:

2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-ethanol,

( $\pm$ )-5-[[[(2,3-Difluorophenyl)methyl]thio]-*N*<sup>7</sup>-(2-methoxy-1-methylethyl)-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

*N*<sup>7</sup>-Cyclopropyl-5-[[[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

( $\pm$ )-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

4-[[[(2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

5-[[[(2,3-Difluorophenyl)methyl]thio]-*N*<sup>7</sup>-[2-(1*H*-imidazol-4-yl)ethyl]-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

(±)-*N*-[5-[[[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-dimethylethyl)amino]thiazolo[4,5-*d*]pyrimidin-2-yl]-serine, methyl ester,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1-methylethyl)amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-(ethylamino)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(1*H*-indol-3-yl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol, and their pharmaceutically acceptable salts and solvates.

28 (new). A compound according to claim 1 being selected from:

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1-naphthalenylmethyl)amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1,2-diphenylethyl)amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(2,2,2-trifluoroethyl)amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[[[(3,4,5-trimethoxyphenyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-

propanol,

2-[[5-[(2,3-Difluorophenyl)methyl]thiol-2-[(1,1-dimethylethyl)amino]thiazolo[4,5-  
d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-  
d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[(4-methylcyclohexyl)amino]thiazolo[4,5-  
d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-  
dimethylethyl)amino]thiazolo[4,5-d]pyrimidin-2-yl]amino]-acetamide,

2-[[2-[[2-(4-Aminophenyl)ethyl]amino]-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-  
d]pyrimidin-7-yl]amino]-2-methyl-1-propanol, and their pharmaceutically acceptable  
salts and solvates.

29 (new). A compound according to claim 1 being selected from:

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[(2-fluoroethyl)amino]thiazolo[4,5-d]pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,

2-[[2-(Cyclopropylamino)-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,

(±)-2-[[5-[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-  
dimethylethyl)amino]thiazolo[4,5-d]pyrimidin-2-yl]amino]-1-pentanol,

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(2-hydroxyethoxy)ethyl]amino]thiazolo[4,5-  
d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

*N*-[5-[(2,3-Difluorophenyl)methyl]thio]-6,7-dihydro-7-oxo-thiazolo[4,5-d]pyrimidin-2-yl]-

DL-serine, methyl ester,

5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1-methylethyl)amino]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(1*H*-indol-3-yl)ethyl]amino]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-6,7-dihydro-7-oxo-thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-acetamide,

2-[[2-(4-Aminophenyl)ethyl]amino]-5-[[[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(2-fluoroethyl)amino]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(2-hydroxyethoxy)ethyl]amino]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-[[2-(Cyclohexylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl] amino]-2-methyl-1-propanol, and their pharmaceutically acceptable salts and solvates.

30 (new). A compound according to claim 1 being selected from:

2-[[2-[(1,1-Dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

*N*-[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]-DL-alanine, methyl ester,

4-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo(4,5-*d*]pyrimidin-2-yl]amino]-cyclohexanol,

2-Methyl-2-[[2-[(4-phenylbutyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[2-(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-Methyl-2-[[2-[(1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-[[2-[[2-(4-Aminophenyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

*N*-[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]-L-valine, ethyl ester,

(2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-4-methyl-pentanamide,

2-Methyl-2-[[2-[(2-phenylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-[[2-[[2-(4-Aminophenyl)methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol, and their pharmaceutically acceptable salts and solvates.

31 (new). A compound according to claim 1 being selected from:

2-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-[[2-[(2-Fluoroethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-Methyl-2-[[2-[[[(3-nitrophenyl)methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
d]pyrimidin-7-yl]amino]-1-propanol,  
( $\alpha R$ )- $\alpha$ -[(1*S*)-1-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-  
[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl] amino]ethyl]-benzenemethanol,  
2-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[[(3,4,5-  
trimethoxyphenyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,  
2-Methyl-2-[[2-[(1*R*-trans)-(2-phenylcyclopropyl)amino]-5-  
[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,  
2-[[2-[[2-(1*H*-Indol-3-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,  
2-[[2-[(1,1 -Dimethylpropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,  
( $\pm$ )-2-Methyl-2-[[2-[(1-methylbutyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-  
7-yl]amino]-1-propanol,  
( $\pm$ )-2-Methyl-2-[[2-[(1-methylhexyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-  
7-yl]amino]-1-propanol,  
2-[[2-[[2-(2-Aminophenyl)methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-  
yl]amino]-2-methyl-1-propanol,  
2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
d]pyrimidin-2-yl]amino]-1,3-propanediol, and their pharmaceutically acceptable salts and  
solvates.

32 (new). A compound according to claim 1 being selected from:



2-[[2-[(2-Ethylthio)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

(2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-3,3-dimethyl-1-butanol,

( $\alpha$ *S*)- $\alpha$ -[(1*R*)-1-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-

[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-2-methoxyethyl]-benzenemethanol,

2-[[2-(Ethylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[2-[[[3-Fluoro-5-(trifluoromethyl)phenyl]methyl]amino]-5-

[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

( $\pm$ )-2-Methyl-2-[[2-[(1-methylpropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-[[2-[[4-Methoxyphenyl]methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[2-[(2-Hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[2-[[2-(1-*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[2-[(Diphenylmethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

(2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo(4,5-*d*]pyrimidin-2-yl]amino]-1-butanol, and their pharmaceutically acceptable salts and

solvates.

33 (new). A compound according to claim 1 being selected from:

2-[[2-[(2,2-Diethoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

4-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-1-butanol,

(1*S*,2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-cyclohexanol,

(±)-2-[[2-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[2-[(2-(2-Hydroxyethoxy)ethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

(±)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-1-pentanol,

2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-acetamide,

(±)-2-[[2-[[1-(4-Fluorophenyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-propanol,

(1*R*,2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-cyclohexanol,

(*αS*)-*α*-[(1*R*)-1-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-

[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-benzenemethanol,

(±)-2-[[2-(Methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol, and their pharmaceutically acceptable salts and solvates.

34 (new). A compound according to claim 1 being selected from:

(2*R*)-4-Methyl-2-[[2-(methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol,

*N*-[2-(Methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-L-serine, ethyl ester,

(±)-2-[[5-[(Phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

(±)-2-[[5-[(Phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

(2*R*)-4-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol,

*N*-[5-[(Phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]-L-serine, ethyl ester,

(±)-2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

(±)-4-[2-[[7-[[1-(Hydroxymethyl)propyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,

(±)-4-[2-[[7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,

4-[2-[[7-[[1*R*]-1-(Hydroxymethyl)-3-methylbutyl]amino]-5-

[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,  
(±)-4-[2-[[7-[(2-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,  
*N*<sup>7</sup>-Ethyl-*N*<sup>2</sup>-[2-(1*H*-imidazol-4-yl)ethyl]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidine-2,7-diamine, and their pharmaceutically acceptable salts and solvates.

35 (new). A compound according to claim 1 being selected from:

*N*<sup>2</sup>-[2-(1*H*-Imidazol-4-yl)ethyl]-5-[(phenylmethyl)thio]-*N*<sup>7</sup>-(3-pyridinylmethyl)-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
(±)-2-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,  
(±)-2-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,  
(2*R*)-2-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,  
(±)-1-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,  
5-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol,  
1-[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-(phenylmethyl)-4-piperidinol,  
(±)-1-[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinecarboxamide,

2-[Ethyl[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-ethanol,  
*N*<sup>2</sup>-[2-(1*H*-imidazol-4-yl)ethyl]-*N*<sup>7</sup>,*N*<sup>7</sup>-dimethyl-5-[(phenylmethyl)thio]-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
*N*<sup>7</sup>-[2-(Diethylamino)ethyl]-*N*<sup>7</sup>-ethyl-*N*<sup>2</sup>-[2-(1*H*-imidazol-4-yl)ethyl]-5-[(phenylmethyl)thio]-thiazolo[4,5-*d*]pyrimidine-2,7-diamine, and their pharmaceutically acceptable salts and solvates.

36 (new). A compound according to claim 1 being selected from:

*N*<sup>2</sup>-(2-Phenoxyethyl)-5-[(phenylmethyl)thio]-*N*<sup>7</sup>-(3-pyridinylmethyl)-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
*N*<sup>2</sup>-(2-Phenoxyethyl)-*N*<sup>7</sup>-[1-(phenylmethyl)-4-piperidinyl]-5-[(phenylmethyl)thio]-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,  
2-Methyl-2-[[2-[(2-phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,  
(±)-2-[[2-[(2-Phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,  
(±)-4-Methyl-2-[[2-[(2-phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol,  
1-[2-[(2-Phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-(phenylmethyl)-4-piperidinol,  
2-[[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

2-[[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo(4,5-*d*]pyrimidin-7-yl] amino]-1-propanol,

(2*R*)-2-[[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,

N-[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-L-serine, ethyl ester,

(2*R*)-2-[[2-[[1-(Hydroxymethyl)butyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,

N-[2-[[1-(Hydroxymethyl)butyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-L-serine, ethyl ester, and their pharmaceutically acceptable salts and solvates.

37 (new). A compound according to claim 1 being selected from:

(±)-2-[[7-[Cyclohexyl(2-hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-1-pentanol,

2-[2-[[7-(Ethylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethoxy]-1-ethanol,

2-[2-[[7-[(1-Methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethoxy]-1-ethanol,

(±)-2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

(2*R*)-2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo(4,5-

*d*]pyrimidin-7-yl]amino]4-methyl-1-pentanol,  
2-[Cyclohexyl-2-[[2-(2-hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
*d*]pyrimidin-7-yl]amino]-1-ethanol,  
(±)-2-[[5-[(Phenylmethyl)thio]-2-(4-piperidinylamino)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-  
1-propanol,  
(±)-*N*-[2-[[7-[[1-(Hydroxymethyl)propyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
*d*]pyrimidin-2-yl]amino]ethyl]-acetamide,  
(±)-*N*-[2-[[7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
*d*]pyrimidin-2-yl]amino]ethyl]-acetamide,  
*N*-[2-[[7-[(2-Hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-  
yl]amino]ethyl]-acetamide, and their pharmaceutically acceptable salts and solvates.

38 (new). A compound according to claim 1 being selected from:

*N*-[2-[[7-[[(1*R*)-1-(Hydroxymethyl)-3-methylbutyl]amino]-5-  
[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-acetamide,  
*N*<sup>7</sup>-(2-Methoxyethyl)-5-[(phenylmethyl)thiol]-*N*<sup>2</sup>-[2-(2-thienyl)ethyl]thiazolo[4,5-  
*d*]pyrimidine-2,7-diamine,  
*N*<sup>7</sup>-(2-Ethoxyethyl)-5-[(phenylmethyl)thiol]-*N*<sup>2</sup>-[2-(2-thienyl)ethyl]thiazolo[4,5-*d*]pyrimidine-  
2,7-diamine,  
*N*<sup>7</sup>-(2,2-Dimethylpropyl)-5-[(phenylmethyl)thiol]-*N*<sup>2</sup>-[2-(2-thienyl)ethyl]thiazolo(4,5-  
*d*]pyrimidine-2,7-diamine,  
(2*R*)-4-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-  
*d*]pyrimidin-7-yl]amino]-1-pentanol,

(±)-1-[[5-[(Phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,  
(±)-2-[[5-[(Phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,  
(±)-2-[[5-[(Phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,  
(2*R*)-2-[[2-[(2-Hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,  
(±)-*N,N*-Diethyl-1-[2-[(2-hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinecarboxamide,  
(2*R*)-2-[[2-[(3-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,  
(±)-2-[[2-[(3-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol, and their pharmaceutically acceptable salts and solvates.

39 (new). A compound according to claim 1 being selected from:

(±)-2-[[2-[(3-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,  
2-[[7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-acetamide,  
4-[1-[7-[(4-Methylcyclohexyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]-3-azetidiny]-1-piperazinesulfonamide,  
3-[[2-[[2-(4-Morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-



yl]amino]-1-propanol,  
2-Methyl-2-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-  
d]pyrimidin-7-yl]amino]-1-propanol,  
(±)-2-[[2-[[2-(4-Morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-  
yl]amino]-1-propanol,  
(2*R*)-4-Methyl-2-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo(4,5-  
d]pyrimidin-7-yl]amino]-1-pentanol,  
2-[[2-(3,4-Dihydroxyphenyl)ethyl]amino]-5-[(phenylmethyl)thio]-thiazolo[4,5-d]pyrimidin-  
7(4*H*)-one,  
(±)-2-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethy)thio]-thiazolo[4,5-d]pyrimidin-  
7(4*H*)-one, and their pharmaceutically acceptable salts and solvates.